

OPINION 636

ENCRINUS LAMARCK, 1801 (CRINOIDEA); VALIDATION UNDER THE PLENARY POWERS IN ITS ACCUSTOMED SENSE

RULING.—(1) Under the plenary powers :

(a) the following generic names are hereby suppressed for the purposes of both the Law of Priority and the Law of Homonymy :

- (i) *Encrinus* Andreae, 1763 ; (ii) *Encrinus* Andreae, 1776 ;
- (iii) *Encrinus* Blumenbach, 1779 ; (iv) *Encrinus* Blumenbach, 1788 ;
- (v) all other uses of the generic name *Encrinus* prior to that by Lamarck, 1801 ;

(b) all designations of type-species for the genus *Encrinus* Lamarck, 1801, made prior to the present Ruling are hereby set aside, and the nominal species *Encrinus liliiformis* Lamarck, 1801 is hereby designated to be type of that genus.

(2) The following generic names are hereby placed on the Official List of Generic Names in Zoology with the Name Numbers specified :

- (a) *Encrinus* Lamarck, 1801 (gender : masculine), type-species, by designation under the plenary powers in (1)(b) above, *Encrinus liliiformis* Lamarck, 1801 (Class Crinoidea) (Name No. 1483) ;
- (b) *Cenocrinus* Thomson, 1864 (gender : masculine), type-species, by monotypy, *Isis asteria* Linnaeus, 1767 (Class Crinoidea) (Name No. 1484) ;
- (c) *Umbellularia* Lamarck, 1801 (gender : feminine), type-species, by monotypy, *Isis encrinus* Linnaeus, 1758 (Class Anthozoa) (Name No. 1485) ;
- (d) *Boltenia* Savigny, 1816 (gender : feminine), type-species, by designation by Huntsman, 1912, *Vorticella ovifera* Linnaeus, 1767 (Class Ascidiacea) (Name No. 1486).

(3) The following specific names are hereby placed on the Official List of Specific Names in Zoology with the Name Numbers specified :

- (a) *liliiformis* Lamarck, 1801, as published in the binomen *Encrinus liliiformis* (type-species of *Encrinus* Lamarck, 1801) (Name No. 1820) ;
- (b) *asteria* Linnaeus, 1767, as published in the binomen *Isis asteria* (type-species of *Cenocrinus* Thomson, 1864) (Name No. 1821) ;
- (c) *encrinus* Linnaeus, 1758, as published in the binomen *Isis encrinus* (type-species of *Umbellularia* Lamarck, 1801) (Name No. 1822) ;
- (d) *ovifera* Linnaeus, 1767, as published in the binomen *Vorticella ovifera* (type-species of *Boltenia* Savigny, 1816) (Name No. 1823).

(4) The following generic names are hereby placed on the Official Index of Rejected and Invalid Generic Names in Zoology with the Name Numbers specified :

- (a) *Encrinus* Schultze, 1760 (unavailable because published in a work rejected for nomenclatorial purposes) (Name No. 1562) ;
- (b) *Encrinus* Andreae, 1763 (suppressed under the plenary powers in (1)(a)(i) above) (Name No. 1563) ;

- (c) *Encrinus* Andreae, 1776 (suppressed under the plenary powers in (1)(a)(ii) above) (Name No. 1564);
 - (d) *Encrinus* Blumenbach, 1779 (suppressed under the plenary powers in (1)(a)(iii) above) (Name No. 1565);
 - (e) *Encrinus* Blumenbach, 1788 (suppressed under the plenary powers in (1)(a)(iv) above) (Name No. 1566);
 - (f) *Encrinus*, all other uses of, prior to Lamarck, 1801 (suppressed under the plenary powers in (1)(a)(v) above) (Name No. 1567).
- (4) The following specific names are hereby placed on the Official Index of Rejected and Invalid Specific Names in Zoology with the Name Numbers specified:
- (a) *groenlandica* Lamarck, 1801, as published in the binomen *Umbellularia groenlandica* (a junior objective synonym of *Isis encrinus* Linnaeus, 1758) (Name No. 701);
 - (b) *caputmedusae* Lamarck, 1801, as published in the combination *Encrinus caputmedusae* (a junior objective synonym of *Isis asteria* Linnaeus, 1767) (Name No. 702);
 - (c) *fusiformis* Savigny, 1816, as published in the binomen *Boltenia fusiformis* (a junior objective synonym of *Vorticella bolteni* Linnaeus, 1771) (Name No. 703).
- (6) The following work is hereby placed on the Official Index of Rejected and Invalid Works in Zoological Nomenclature with the Title Number 64: Schultze (C. F.), 1760, *Betrachtung der Versteinerten Seesterne und Ihrer Theile* (a work in which the author did not apply the principles of binominal nomenclature).
- (7) The following family-group names are hereby placed on the Official List of Family-Group Names in Zoology with the Name Numbers specified:
- (a) UMBELLULARIIDAE (correction of UMBELLULAE) Lindahl, 1874 (type-genus *Umbellularia* Lamarck, 1801) (Name No. 327);
 - (b) ENCRINIDAE (correction of ENCRINIENS) Dujardin & Hupé, 1862 (type-genus *Encrinus* Lamarck, 1801) (Name No. 328).
- (8) The following family-group names are hereby placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology with the Name Numbers specified:
- (a) UMBELLULAE Lindahl, 1874 (an incorrect original spelling for UMBELLULARIIDAE) (Name No. 356);
 - (b) UMBELLULEAE K  lliker, 1875 (an incorrect spelling for UMBELLULARIIDAE) (Name No. 357);
 - (c) ENCRINIENS Dujardin & Hup  , 1862 (an incorrect original spelling for ENCRINIDAE) (Name No. 358).

HISTORY OF THE CASE (Z.N.(S.) 434)

The present case was brought to the attention of the Office of the Commission by the late Dr. Th. Mortensen in 1932, when he made an application for the validation of *Encrinus* Schultze, 1760, with designation of *Encrinus liliiformis* Lamarck, 1801, as type-species. Dr. Mortensen's proposals had the support

of a large number of specialists in Crinoidea. Since Dr. Mortensen was not himself a specialist in Crinoids the Secretary of the Commission undertook to find a specialist in the group who would submit the case to the Commission. In spite, however, of a published request for information (*Bull. zool. Nomencl.* 7 : 216-217) no such specialist was found. Public Notice of the possible use of the plenary powers was published several times without eliciting any objection.

A report on the status of *Encrinus* was finally prepared in the Commission's Office by Miss Margaret Spillane, and was published on 5 December 1960 in *Bull. zool. Nomencl.* 18 : 65-68. Public Notice of the possible use of the plenary powers was given in the same part of the *Bulletin* as well as to the other prescribed serial publications (*Bull. zool. Nomencl.* 4 : 51-56). No objection was received.

DECISION OF THE COMMISSION

On 2 October 1961, the Members of the Commission were invited to vote under the Three-Month Rule on Voting Paper (61)26 either for or against the proposals set out in *Bull. zool. Nomencl.* 18 : 67-68. At the close of the Voting Period on 2 January 1962, the state of the Voting was as follows :

Affirmative Votes—twenty-two (22), received in the following order : Evans, Holthuis, Hemming, Munroe, Vokes, Mayr, Hering, Obruchev, Riley, Jaczewski, Uchida, Lemche, Brinck, Bradley, Alvarado, do Amaral, Tortonese, Mertens, Miller, Kühnelt, Bonnet, Poll.

Negative Votes—one (1) : Key.

Voting Papers not returned—two (2) : Boschma, Prantl.

Commissioner Stoll returned a late affirmative vote.

On 1 December 1961 the following note was sent to Commissioners together with a Voting Paper (O.M.)(61)3 :

"The Report on the generic name *Encrinus* was published in *Bulletin* 18 : 65-68, and on 2 October Commissioners were asked to vote on the proposals there presented on Voting Paper (61)26. In returning their votes both Dr. Holthuis and Dr. Key have suggested that it would be wise to suppress 'all uses of the generic name *Encrinus* prior to that by Lamarck, 1801'. The Secretary agrees that this would be an additional safeguard to the continued use of *Encrinus* in its accustomed sense. Commissioners are now asked to express their opinion on this course on the accompanying One-Month Voting Paper."

At the close of the prescribed Voting Period on 1 January 1962 the state of the Voting was as follows :

Affirmative Votes—seventeen (17), received in the following order : Evans, Holthuis, Hering, Riley, Uchida, Tortonese, Mayr, Vokes, Jaczewski, Obruchev, Brinck, Alvarado, Mertens, Miller, Bonnet, Kühnelt, Poll.

Negative Votes—none (0).

Voting Papers not returned—three (3) : Boschma, Hemming, Prantl.

Commissioners Lemche, Munroe, Stoll, Key and do Amaral returned late affirmative votes.

ORIGINAL REFERENCES

The following are the original references for names placed on Official Lists and Indexes by the Ruling given in the present Opinion :

asteria, *Isis*, Linnaeus, 1767, *Syst. Nat.* (ed. 12) 1 : 1288
Boltenia Savigny, 1816, *Mém. Anim. s. Vertèbr.* (2) : 87
caputmedusae, *Encrinus*, Lamarck, 1801, *Syst. Anim. s. Vertèbr.* : 379
Cenocrinus Thomson, 1864, *The Intellectual Observer* 6 : 2
 ENCRINIDAE Dujardin & Hupé, 1862, *Hist. nat. Zoophytes*, Echinodermes : 161
 ENCRINIENS Dujardin & Hupé, 1862, an incorrect original spelling for

ENCRINIDAE q.v.

Encrinus Andreae, 1763, *Briefe aus der Schweiz* (Hannoverisches Magazin)
Encrinus Andreae, 1776, *ibid.* (separate)
Encrinus Blumenbach, 1779, *Handb. Naturgesch.* (ed. 1) : 435
Encrinus Blumenbach, 1788, *Handb. Naturgesch.* (ed. 3) : 503
Encrinus Lamarck, 1801, *Syst. Anim. s. Vertèbr.* : 379
Encrinus Schultze, 1760, *Betrachtung der Versteinerten Seesterne und Ihrer Theile* : 21

encrinus, *Isis*, Linnaeus, 1758, *Syst. Nat.* (ed. 10) 1 : 800
fusiformis, *Boltenia*, Savigny, 1816, *Mém. Anim. s. Vertèbr.* (2) : 87
groenlandica, *Umbellularia*, Lamarck, 1801, *Syst. Anim. s. Vertèbr.* : 380
liliiformis, *Encrinus*, Lamarck, 1801, *Syst. Anim. s. Vertèbr.* : 379
ovifera, *Vorticella*, Linnaeus, 1767, *Syst. Nat.* (ed. 12) 1 : 1319
 UMBELLULAE Lindahl, 1874, an incorrect original spelling for UMBELLULARIIDAE q.v.

Umbellularia Lamarck, 1801, *Syst. Anim. s. Vertèbr.* : 380
 UMBELLULARIIDAE Lindahl, 1874, *Ann. Mag. nat. Hist.* (4) 13 : 258
 UMBELLULEAE Kölliker, 1875, *Fetschr. Phys.-Med. Ges. Würzburg* : 10

The following is the original reference for the designation of a type-species for a genus concerned in the present Ruling :

For *Boltenia* Savigny, 1816 : Huntsman, 1912, *Trans. canad. Inst.* 9 : 133

CERTIFICATE

WE certify that the votes cast on Voting Papers (61)26 and (O.M.)(61)3 were cast as set out above, that the proposals set out in those Voting Papers have been duly adopted under the plenary powers, and that the decision so taken, being the decision of the International Commission, is truly recorded in the present Opinion No. 636.

N. D. RILEY
 Secretary

W. E. CHINA
 Assistant Secretary

International Commission on Zoological Nomenclature

London
 25 January 1962